

A Lack of Project Resources: How to Address the Challenge with a Resource Management Solution

In a great number of cases, one can resolve a challenge of resource shortage with more efficient utilization of available resources. The key concept is preventing a bottleneck: i.e., an overloaded employee who hampers the workflow. Workload balance, intelligent resource allocation, demand analysis and workload prediction are the keys to efficient utilization of resources.

A RESOURCE MANAGEMENT SOLUTION

OPTIMIZES EMPLOYEES' WORKLOAD

- Let's see how a resource management solution can improve your employees' productivity.**
 It helps balance resource workload with automatic task and project prioritization. The key to high team productivity is balanced workload: when none of the resources is overloaded.
- It forecasts employees' future workload.**
 Predictive capabilities of an RM solution make it possible to foresee team members' workload, so that a project/resource manager can adjust it to an optimum level if necessary.
- It gives an idea of team members' historical output.**
 This allows a project/resource manager to realistically estimate what the team members are capable of delivering.

CONTRIBUTES TO EFFICIENT RESOURCE ALLOCATION

- It provides data on each team member's competences and their levels, capacity, and availability.**
 With all necessary data at hand, a project/resource manager can find a necessary employee quickly enough.
- It integrates with human resource management systems.**
 Such an integration saves a project/resource manager's time: all the information on employees' absences (days off, vacations, etc.) is automatically updated in the system.
- It can suggest the best allocation options.**
 An RM solution can find the right employee to complete a certain task based on their competence level, capacity, and availability within seconds.
- It helps make informed resource allocation decisions.**
 Thanks to the predictive capabilities of an RM solution, you can try out different variants of resource allocation and choose the most appropriate one.
- It makes it possible to forecast future resource demand.**
 When a project/resource manager is armed with necessary knowledge and has enough time to take measures, they can easily prevent resource shortages.

IMPROVES EMPLOYEES' SKILL MANAGEMENT

- It provides quick access to the data on people's skills and their levels.**
 This makes it possible to determine team members' skill gaps and facilitate their reskilling or upskilling. Also, it helps find an employee with necessary skills from other resource groups when required resources are busy.

PRIORITIZES TASKS WITHIN THE PROJECT PORTFOLIO WITH REGARD TO PROJECT DEPENDENCIES

- Setting priorities makes it possible to allocate resources to the most important tasks and avoid resource conflicts.**
 The system determines what tasks across all projects must be completed first based on resource and time constraints as well as dependencies between projects.
- Every team member focuses on highest priority assignments, which increases their productivity.**
 It eliminates bad multitasking and overload among employees who work on several projects at the same time.

BRIDGES THE RESOURCE DEMAND WITH THE AVAILABLE SUPPLY

Thanks to more efficient resource utilization, you can deliver more projects with the same number of resources.

Thus, when you can't increase the number of resources and the demand is growing, you should first of all make sure that the workload of your constraint group is balanced. If the weakest link on your chain is protected from overload, the productivity of all other resource groups will be high.